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IEG/PHD-27-70
9 March 1970

MEMORANDUM FOR THE RECORD

SUBJECT: MAO Ear Analysis

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1. On March 6 Messrs. [redacted] visited two statisticians on the NIPE Staff, [redacted] to discuss the statistical approach we used in our analysis. After listening to the explanation of our approach they asked numerous questions about our method and the material we worked with and then gave us some other approaches to try. We spent over an hour with them and gained considerable help in statistical analysis from the discussion.

2. We then visited [redacted] had designated coordinator of all DDI analysis of MAO. Six other persons from DDI components were present at the meeting. We explained what we had done including the problem areas encountered, such as photo quality, view angle, insignificant quantity of photography, etc. After explaining our analysis we had about an hour and a half discussion exploring many of the aspects of the various problems related to this study.

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3. We left two copies of our interim analysis report with [redacted] He will forward one copy to the Office of Medical Services. We also left a copy of the FORTRAN computer program that [redacted] had developed and used in compiling the statistics.

4. As a result of the discussions it was decided that we should conduct further analysis, particularly more sorting according to certain sets of conditions. We plan to do this using the statistical approach proffered by Messrs. [redacted] These will include grouping by quality of photography, view angle, etc. We will then determine the norm or standard for each group. The results will be examined to determine what particular measurements are critical and subject to variance under each condition. The October photographs will then be compared with the standard for the grouping which most nearly matches their characteristics.

Declass Review by
NIMA/DOD

GROUP 1
Excluded from automatic
downgrading and
declassification

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5. No definite conclusion can be drawn at this time as to whether the October photos are of MAO or not. We asked their assistance in trying to acquire more photos of recent MAO appearances and their appraisal of the particular occasion for each of the sets of photos of early years. The occasion may dictate whether it would be possible to interject a substitute for MAO or not.



Chief, Photogrammetry Division, IEG
NPIC

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